

Converting Colors

Hex(6A433B)

Have a look what the booklet for
Hex(6A433B) contains.

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Color

Hex(6A433B)

Conversions

Conversions Part 1

Format	Color
Hex	6A433B
RGB	106, 67, 59
RGB Percent	42%, 26%, 23%
CMY	0.5843, 0.7373, 0.7686
CMYK	0.00, 0.37, 0.44, 0.58
HSL	10°, 28%, 32%
HSV	10°, 44%, 42%
XYZ	8.7404, 7.3942, 5.1042
YIQ	77.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

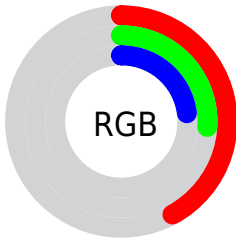
Format	Color
R_{YB}	106, 69, 59
Decimal	6964027
CIE _{Lab}	32.69, 15.82, 11.83
CIE _{LCh}	33, 19.756, 36.787
Yxy	7.3942, 0.4115, 0.3481
Android (android.graphics.Color)	4285154107 (0xFF6A433B)
YUV	77.7490, -9.2433, 24.7761
Hunter-Lab	27.1924, 9.7885, 7.9054

Details

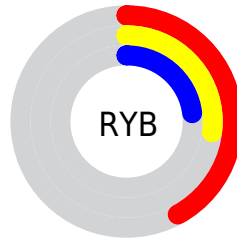
The Hex color **6A433B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B626A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9F736A**, and **381711** is the 20% darker color. If you saturate the color by 10%, you get **6A3A30**, and if you desaturate by 10%, it is **6A4C46**.

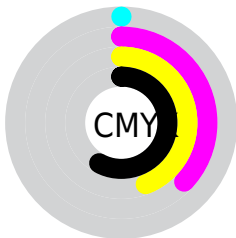
Distribution



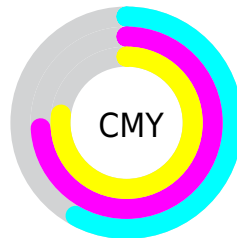
- Red (42%)
- Green (26%)
- Blue (23%)



- Red (42%)
- Yellow (27%)
- Blue (23%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A433B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6A433B by changing the saturation by 10% instead.



6A433B



6A433B

FFFFFF



512C25



9F736A



381711



BA8D83



230000



D7A89D



000000



F3C3B8



FFDFD4



FFFBF0



6A433B



6A433B



6A3A30



6A4C46

 6A3126

 6A5550

 6A291B

 6A5D5B

 6A2011

 6A6665

 6A1706

 6A6F70

 6A1200

 6A787B

 6A8185

 6A8990

 6A929A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6B414A



6A433B



624831

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6A433B



305440



3D4D6C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6A433B



3B626A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245269



6A433B



1D5550

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6A433B



435133



13555F



534866

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6A433B



594B2E



13555F



344F6C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6A433B



8A7B78



6A3B62



453C3A



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6A433B



8A4D41



6A5A3B



363130



751400



F52A00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3B626A



417D8A



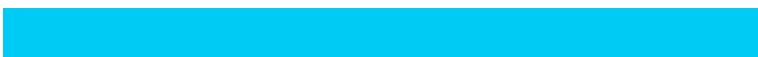
3B4B6A



303536



006175



00CBF5

Previews

White Background



This preview shows how the Hex color 6A433B looks on a white background.

Color Contrast Check

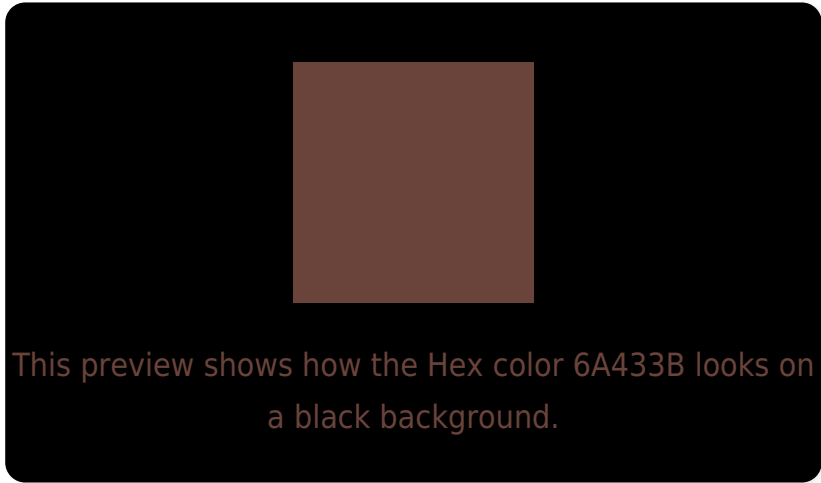
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6A433B Background



This preview shows how black text looks on a background with the Hex color 6A433B.

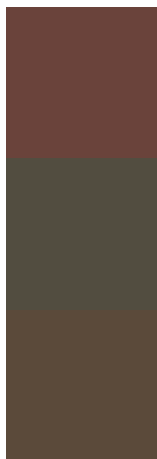


This preview shows how white text looks on a background with the Hex color 6A433B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6A433B

Protanopia
524D40

Deuteranopia
5B4A3A



Tritanopia
6B4146

Trichromacy



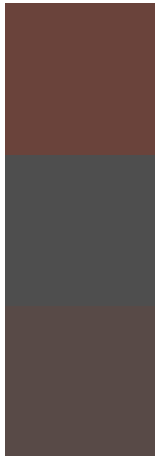
Original Color
6A433B

Protanomaly
5B493E

Deuteranomaly
60473A

Tritanomaly
6B4242

Monochromacy



Original Color
6A433B

Achromatopsia
4E4E4E

Achromatomaly
584A47

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A433B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6A433B looks like.

```
.text, #text, p{  
    color:#6A433B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6A433B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A433B
}
```

Border

The CSS property to change the border of an element to Hex 6A433B is called "border". The border property can be set on classes, ids or directly on the HTML element.

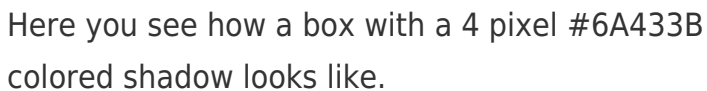
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A433B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6A433B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6A433B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A433B; -webkit-box-shadow:4px 4px  
4px 4px #6A433B; box-shadow:4px 4px 4px  
4px #6A433B }
```

Background

The CSS property to change the background color of an element to Hex 6A433B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A433B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6A433B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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